HiPace 800

Turbomolecular vacuum pumps

PFEIFFER VACUUM+FAB SOLUTIONS

Part of the BUSCH GROUP



High performance

Optimized rotor geometry, enhanced gas load handling

High gas throughput

High pumping speed, compatible with a variety of backing pumps, high compression for light gases

Reliable

Best-in-class hybrid bearing technology, superior bearing lubrication for long life cycle

Accessories, spare parts and options

- Electrical adapter
- Mains cable
- Connecting cable
- Various fieldbus systems
- Power supply kit and display unit
- Mounting kit
- Safety valve
- Venting accessories
- Power failure venting unit
- Vibration damper

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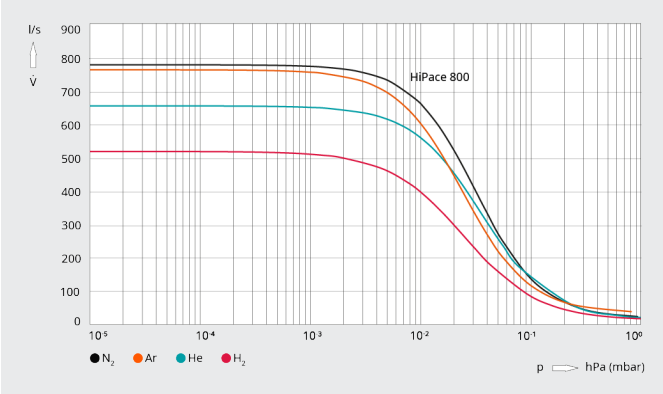
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Pumping speed



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Pumping speed for N_2	790 l/s
Pumping speed for H_2	580 l/s
Pumping speed for He	700 l/s
Pumping speed for Ar	780 l/s
Compression ratio for N_2	$1 \cdot 10^{11}$
Compression ratio for H_2	$4 \cdot 10^{5}$
Compression ratio for He	$3 \cdot 10^{7}$
Compression ratio for Ar	$1 \cdot 10^{11}$
Gas throughput at final rotational speed for N_2	6.5 hPa l/s
Gas throughput at final rotational speed for H_2	14 hPa l/s
Gas throughput at final rotational speed for He	20 hPa l/s
Gas throughput at final rotational speed for Ar	3.5 hPa l/s
Forevacuum max. for N_2	11 hPa
Run-up time	2 min
Sound pressure level (EN ISO 2151)	50 dBA
Weight approx.	12.8 kg

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Communication interfaces standard	RS-485, remote
Mounting orientation	arbitrary
Gas inlet / outlet	DN 200 ISO-K/ISO-F/CF-F / DN 25 ISO-KF /G 1/4"

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

CONTACT FORM

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